



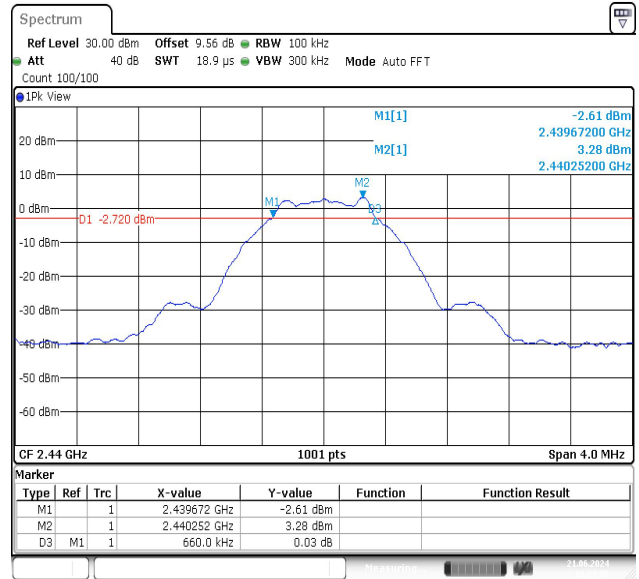
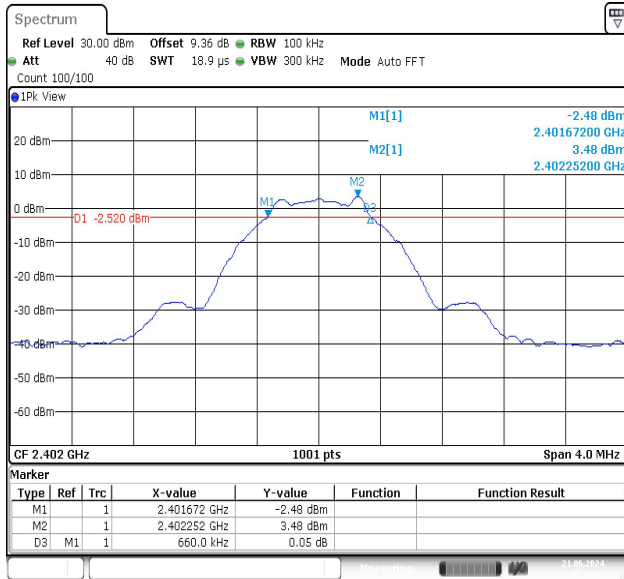
Appendix A: DTS Bandwidth

Test Result

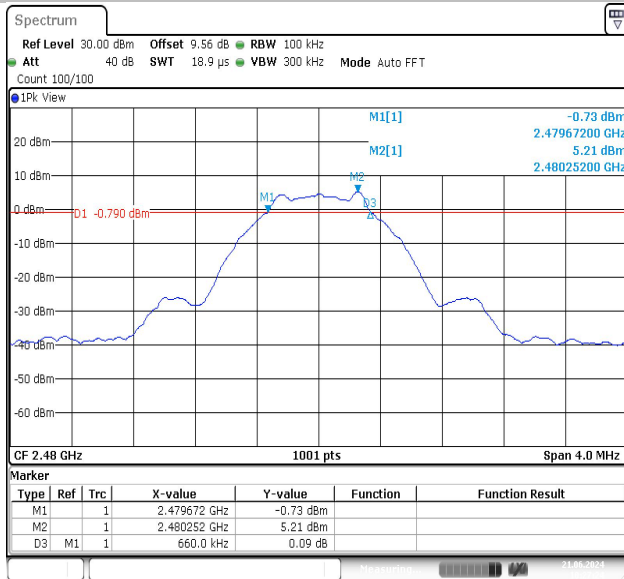
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.66	2401.67	2402.33	0.5	PASS
BLE_1M	Ant1	2440	0.66	2439.67	2440.33	0.5	PASS
BLE_1M	Ant1	2480	0.66	2479.67	2480.33	0.5	PASS



Test Graphs



BLE_1M-Ant1-2402-PASS



BLE_1M-Ant1-2440-PASS

BLE_1M-Ant1-2480-PASS



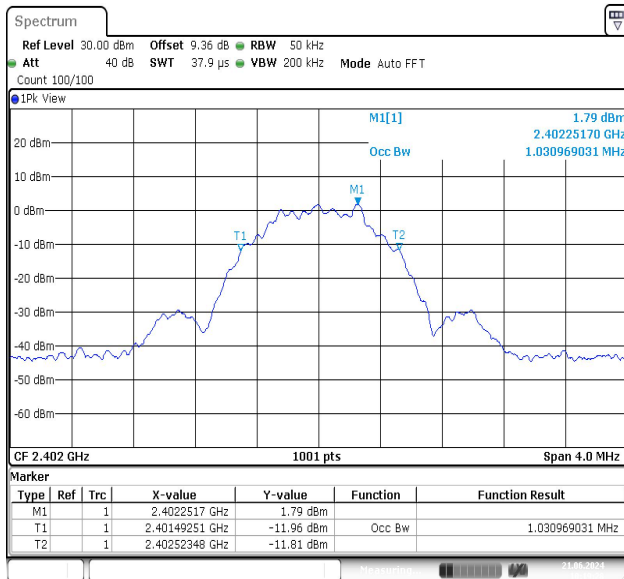
Appendix B: Occupied Channel Bandwidth

Test Result

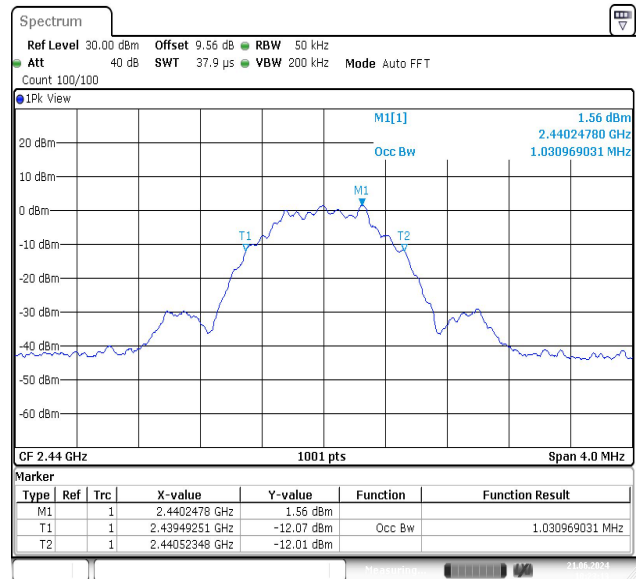
Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.031	2401.4925	2402.5235	---	---
BLE_1M	Ant1	2440	1.031	2439.4925	2440.5235	---	---
BLE_1M	Ant1	2480	1.027	2479.4925	2480.5195	---	---



Test Graphs

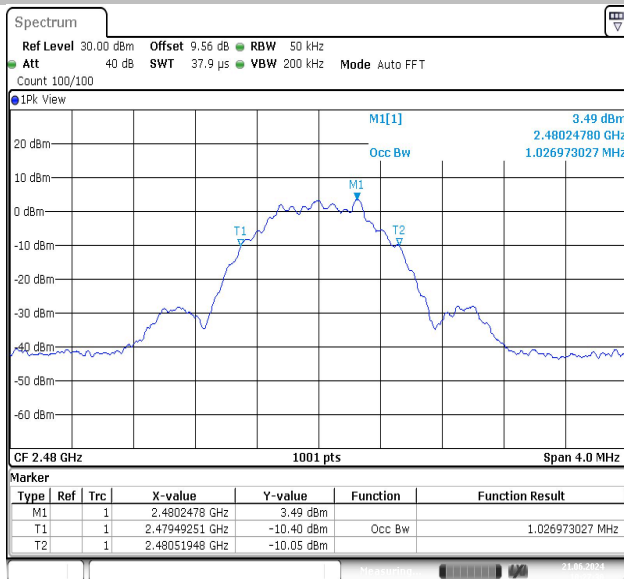


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BLE_1M-Ant1-2402



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BLE_1M-Ant1-2440

BLE_1M-Ant1-2480



Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Peak Power [dBm]	Peak Powe Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
BLE_1M	Ant1	2402	3.88	≤30	2.00	5.88	---	PASS
BLE_1M	Ant1	2440	3.66	≤30	2.00	5.66	---	PASS
BLE_1M	Ant1	2480	5.56	≤30	2.00	7.56	---	PASS

Test Result Average

Test Mode	Antenna	Frequency [MHz]	AV Power [dBm]	AV Power Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
BLE_1M	Ant1	2402	3.06	≤30.00	2.00	5.06	---	PASS
BLE_1M	Ant1	2440	3.55	≤30.00	2.00	5.55	---	PASS
BLE_1M	Ant1	2480	4.80	≤30.00	2.00	6.80	---	PASS



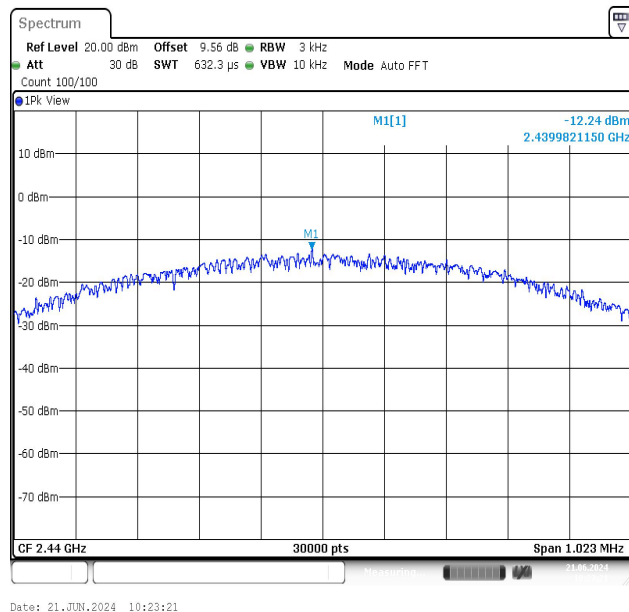
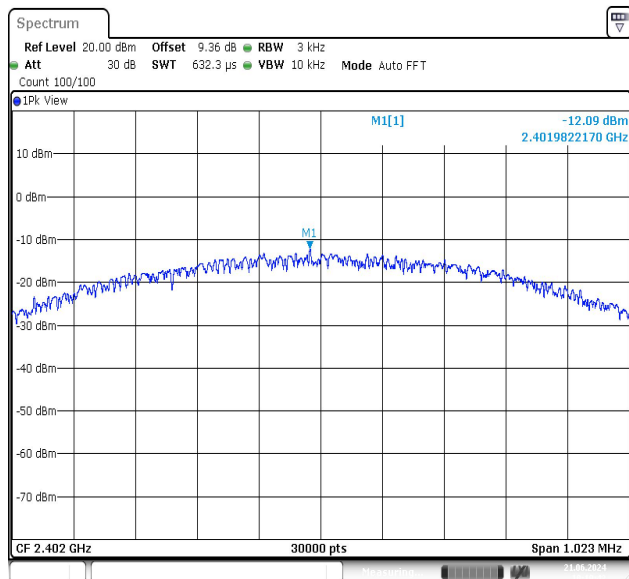
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-12.09	≤8.00	PASS
BLE_1M	Ant1	2440	-12.24	≤8.00	PASS
BLE_1M	Ant1	2480	-10.43	≤8.00	PASS

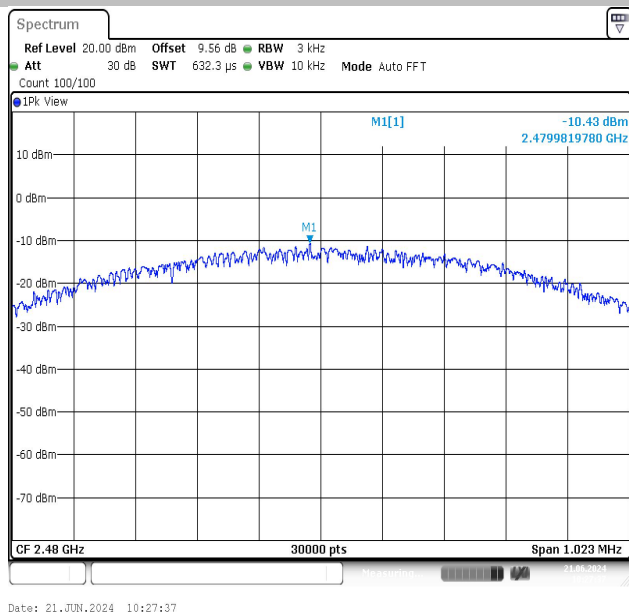


Test Graphs



BLE_1M-Ant1-2402-PASS

BLE_1M-Ant1-2440-PASS



BLE_1M-Ant1-2480-PASS



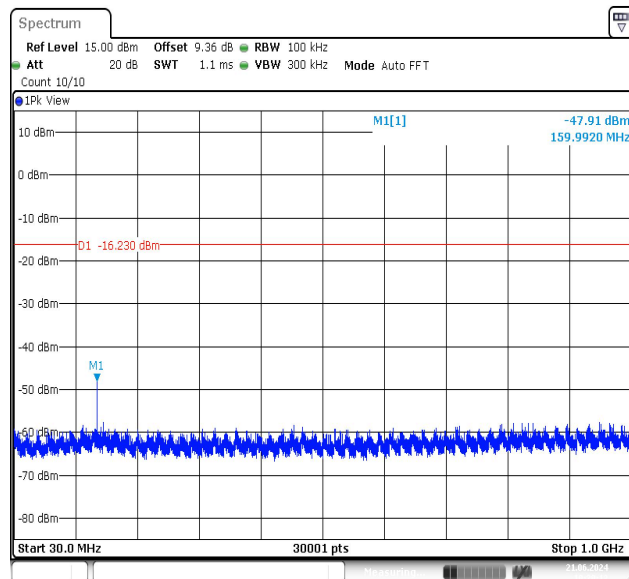
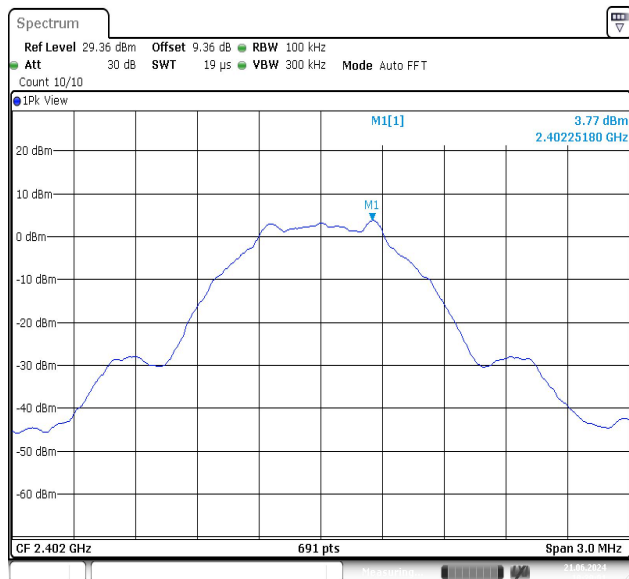
Appendix E: Conducted Spurious Emission

Test Result

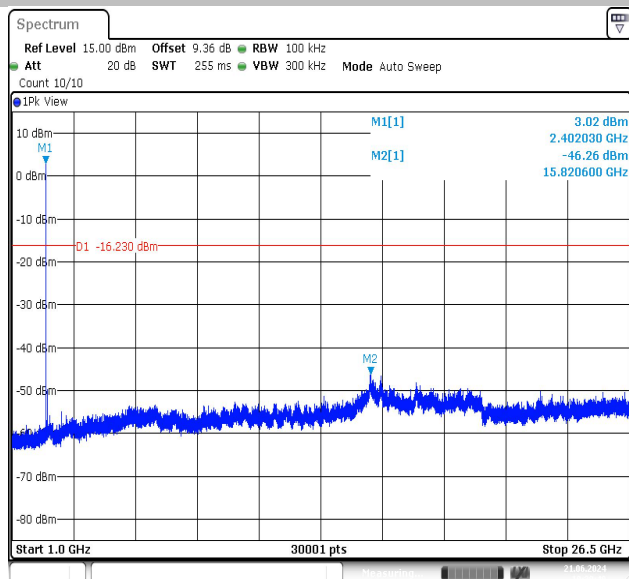
TestMode	Antenna	Frequency[MHz]	Freq Range [Mhz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	3.77	3.77	---	PASS
BLE_1M	Ant1	2402	30~1000	3.77	-47.91	≤-16.23	PASS
BLE_1M	Ant1	2402	1000~26500	3.77	-46.26	≤-16.23	PASS
BLE_1M	Ant1	2440	0~Reference	3.53	3.53	---	PASS
BLE_1M	Ant1	2440	30~1000	3.53	-47.31	≤-16.47	PASS
BLE_1M	Ant1	2440	1000~26500	3.53	-46.46	≤-16.47	PASS
BLE_1M	Ant1	2480	0~Reference	5.38	5.38	---	PASS
BLE_1M	Ant1	2480	30~1000	5.38	-46.8	≤-14.62	PASS
BLE_1M	Ant1	2480	1000~26500	5.38	-46.55	≤-14.62	PASS



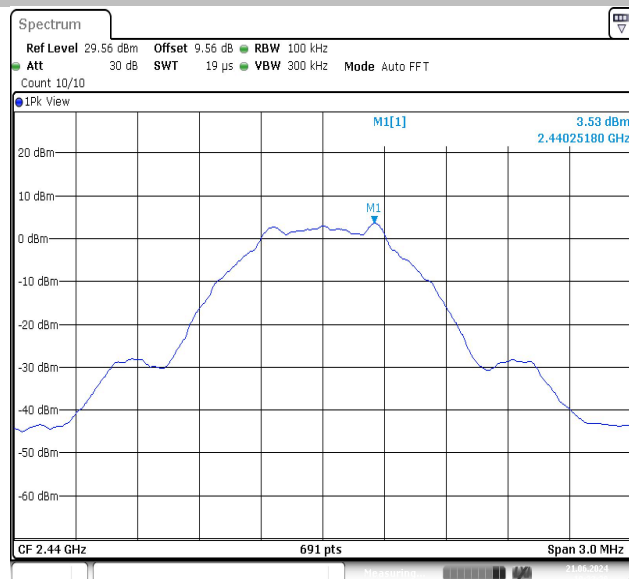
Test Graphs



BLE_1M-Ant1-2402-0~Reference-PASS

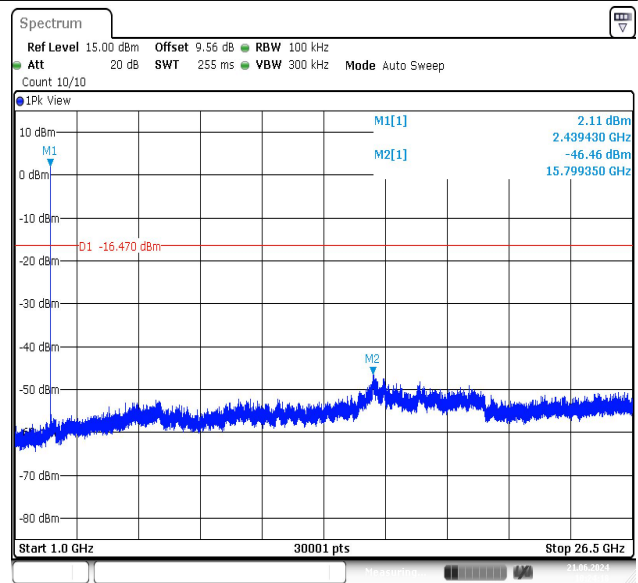
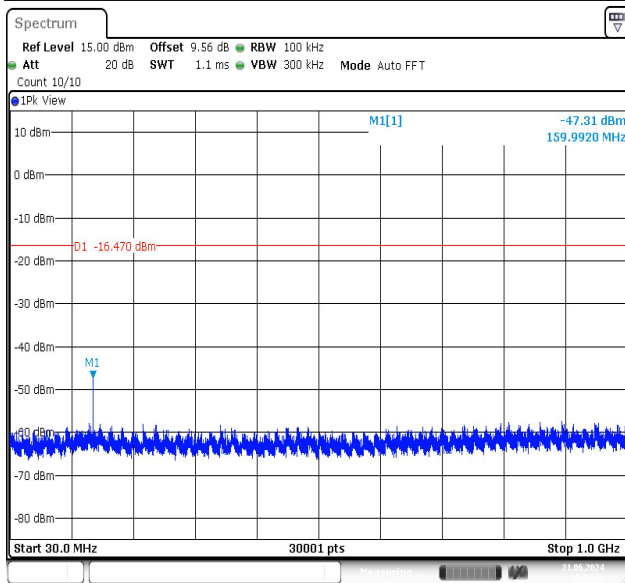


BLE_1M-Ant1-2402-30~1000-PASS



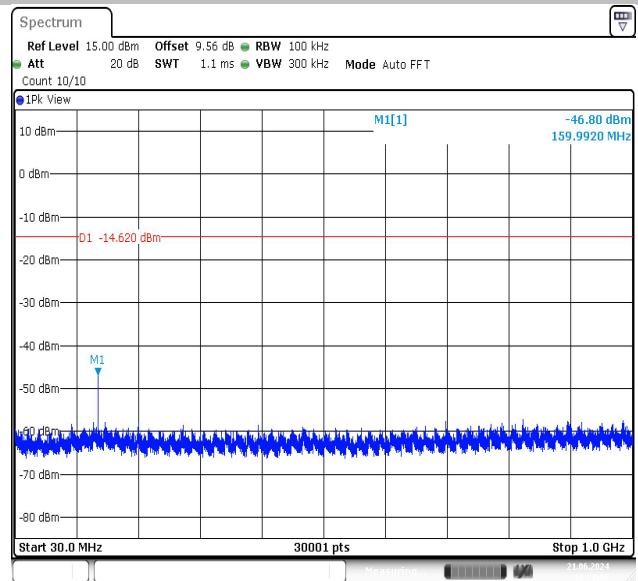
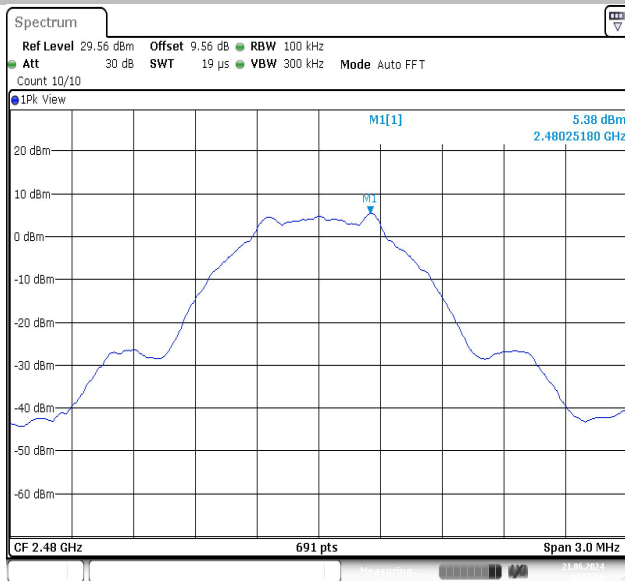
BLE_1M-Ant1-2402-1000~26500-PASS

BLE_1M-Ant1-2440-0~Reference-PASS



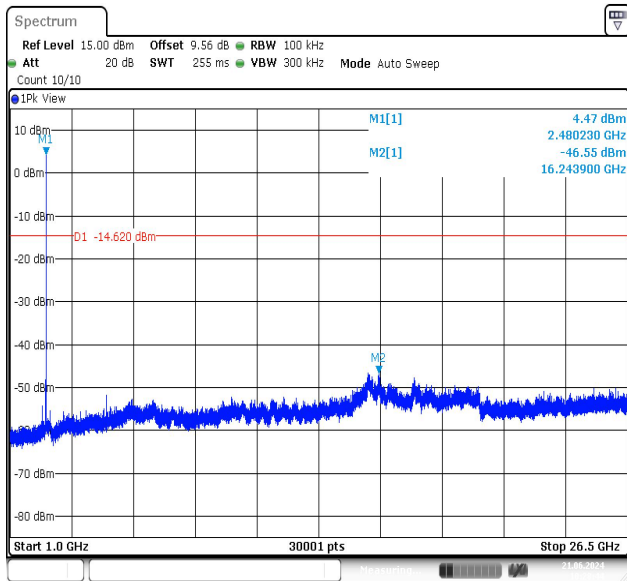
BLE_1M-Ant1-2440-30~1000-PASS

BLE_1M-Ant1-2440-1000~26500-PASS



BLE_1M-Ant1-2480-0~Reference-PASS

BLE_1M-Ant1-2480-30~1000-PASS



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BLE_1M-Ant1-2480-1000~26500-PASS



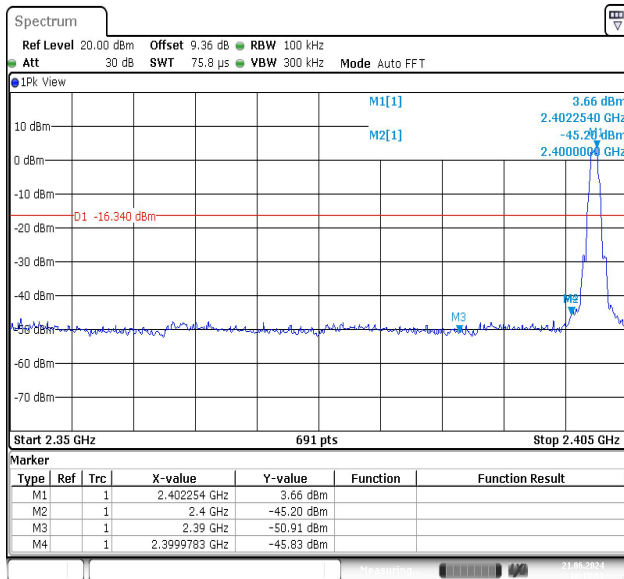
Appendix F: Band edge measurements

Test Result

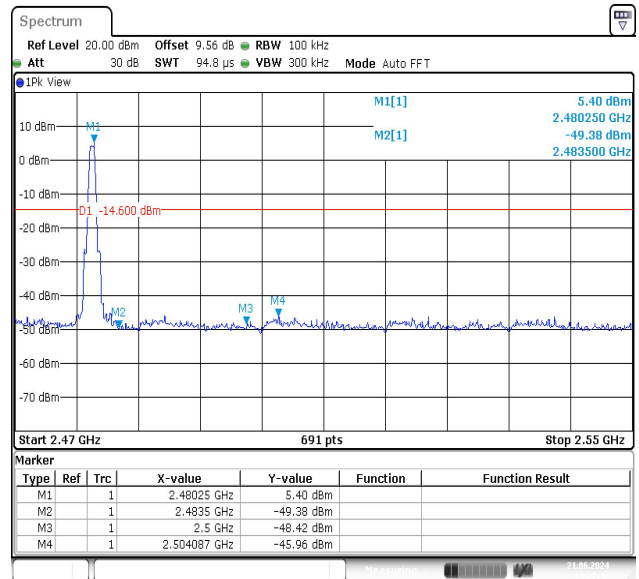
TestMode	Antenna	ChName	Frequency[MHz]	Ref Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	3.66	-45.83	≤ -16.34	PASS
BLE_1M	Ant1	High	2480	5.40	-45.96	≤ -14.6	PASS



Test Graphs



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BLE_1M-Ant1-2402-PASS

BLE_1M-Ant1-2480-PASS



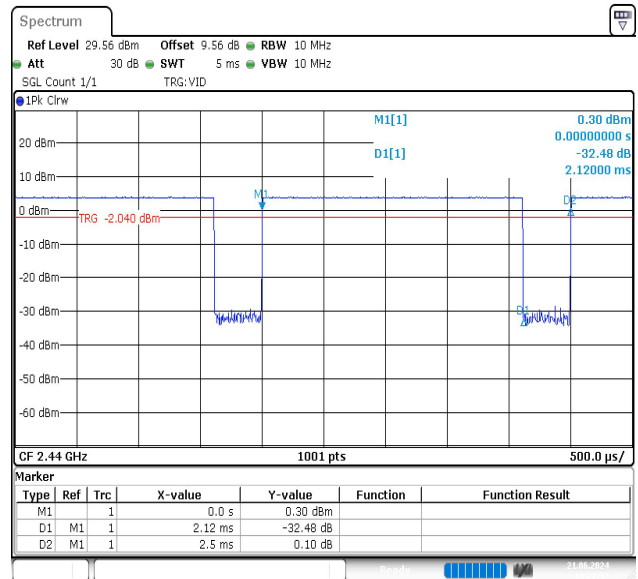
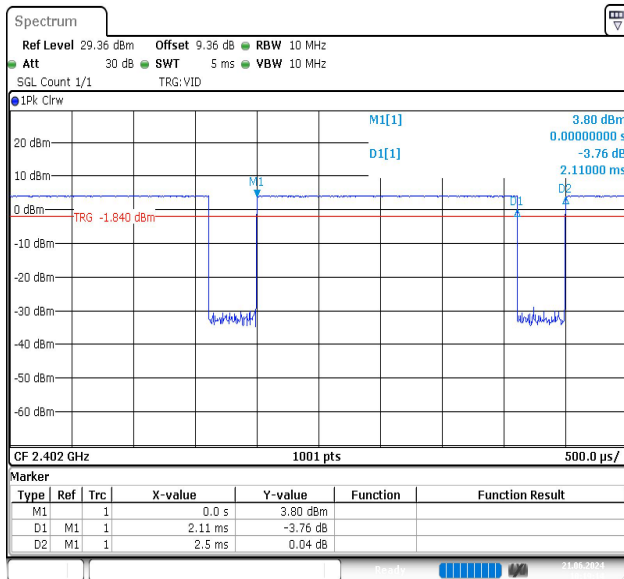
Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
BLE_1M	Ant1	2402	2.11	2.50	84.40
BLE_1M	Ant1	2440	2.12	2.50	84.80
BLE_1M	Ant1	2480	2.11	2.50	84.40

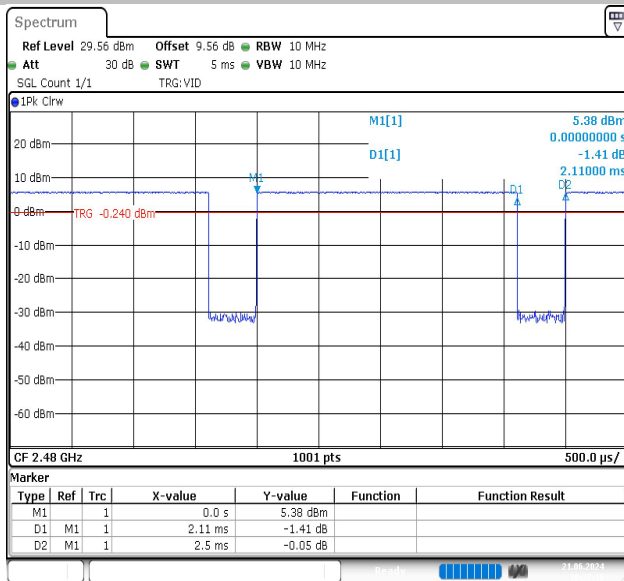


Test Graphs



NTNV-BLE_1M-Ant1-2402

NTNV-BLE_1M-Ant1-2440



NTNV-BLE_1M-Ant1-2480

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